



Feeding carded fiber to an airlay

Description of Technology: This invention relates to airlay fiber handling equipment such as an airlay web former and more particularly to doffing individualized carded fibers into an air stream.

Patent Listing:

1. **US Patent No. 6,195,842**, Issued March 6, 2001, "Feeding carded fiber to an airlay"
<http://patft.uspto.gov/netacgi/nph-Parser?Sect2=PTO1&Sect2=HITOFF&p=1&u=%2Fnethtml%2FPTO%2Fsearch-bool.html&r=1&f=G&l=50&d=PALL&RefSrch=yes&Query=PN%2F6195842>

Market Potential: Airlays are used for opening fiber and putting the fiber into an air stream. A conventional airlay is disclosed in U.S. Pat. No. 3,797,074 to Zafiroglu issued on Mar. 19, 1974. However, one of the drawbacks or limitations of Zafiroglu is that it has difficulty opening medium and long staple fibers.

Benefits:

- Cleaner air

Applications:

- Doffing individualized carded fibers into an air stream

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